

ABSTRACT

In an image processing apparatus according to an embodiment of the present invention, a first filter is inputted with first image data
5 which includes a plurality of pixels having respective pixel values and whose number of pixels should be converted to enhance or suppress a high frequency component of the inputted first image data to generate intermediate image data. A second filter performs interpolation processing according to a linear interpolation method to the generated
10 intermediate image data to generate second image data whose number of pixels is converted from the first image data.